

a change to a parameter included in the first group information is included in a plurality of pieces of group information in the parameter change history.

**[0024]** The user input device may be further configured to receive a selection of one piece of group information from among the plurality of pieces of group information, and the controller may be further configured to cancel a change to a parameter included in the one piece of group information.

**[0025]** The user input device may be further configured to receive, from the user, a selection of the at least one piece of group information in the parameter change history and a selection of an imaging protocol, and the controller may be further configured to change, based on information about a change to a parameter in the at least one piece of group information, a corresponding parameter for the imaging protocol.

**[0026]** According to another aspect of an exemplary embodiment, a method of editing information about a parameter for capturing a medical image includes storing at least one piece of group information including information about a change to the parameter for capturing a medical image and an associated parameter to be changed together with the parameter; and displaying a parameter change history including at least one piece of group information, wherein the at least one piece of group information is arranged based on an order in which a parameter in the at least one piece of group information is changed.

**[0027]** The storing of the information about the change to the parameter may include receiving, from a user, the information about the change to the parameter; changing the parameter based on the received information; and changing, if the parameter has an associated parameter to be changed together with the parameter, the associated parameter.

**[0028]** The changing of the parameter based on the received information may include displaying the changed parameter in such a manner as to distinguish the changed parameter from the associated parameter.

**[0029]** The displaying of the parameter change history may include displaying the parameter and the associated parameter in such a manner as to distinguish the parameter from the associated parameter.

**[0030]** The method may further include: receiving, from the user, a selection of first group information from the at least one piece of group information, the first group information being included in the parameter change history; receiving, from the user, information indicating deletion of the first group information; and cancelling a change to all parameters in the first group information by deleting the first group information.

**[0031]** The cancelling of the change to all parameters may include displaying a notification when information about a change to a parameter in the first group information is included in a plurality of pieces of group information in the parameter change history.

**[0032]** The displaying of the notification may include: receiving, from the user, information indicating selection of one piece of group information from among the plurality of pieces of group information; and cancelling a change to a parameter included in the one piece of group information.

**[0033]** The method may further include: receiving, from the user, a selection of the at least one piece of group information in the parameter change history; receiving a selection of an imaging protocol from the user; and changing, based on information about a change to a parameter in

the at least one piece of group information, a corresponding parameter for the imaging protocol.

**[0034]** According to yet another aspect of an exemplary embodiment, a non-transitory computer-readable recording medium having recorded thereon a program which, when executed, causes a processor to perform the methods described herein.

**[0035]** The parameter may be related to at least one condition used by the apparatus when performing at least one from among emitting radiation toward an object, detecting radiation that has passed through the object, and reconstructing an image using the detected radiation.

**[0036]** The associated parameter may be related to at least one condition used by the apparatus when performing at least one from among emitting radiation toward an object, detecting radiation that has passed through the object, and reconstructing an image using the detected radiation.

#### BRIEF DESCRIPTION OF THE DRAWINGS

**[0037]** These and/or other aspects will become apparent and more readily appreciated from the following description of the exemplary embodiments, taken in conjunction with the accompanying drawings in which:

**[0038]** FIG. 1 is a block diagram of a general magnetic resonance imaging (MRI) system;

**[0039]** FIG. 2 illustrates a configuration of a communicator according to an exemplary embodiment;

**[0040]** FIG. 3 is a block diagram of an apparatus for editing parameters according to an exemplary embodiment;

**[0041]** FIG. 4 is a flowchart of a method of editing parameters according to an exemplary embodiment;

**[0042]** FIG. 5 is a flowchart of a method of editing parameters according to another exemplary embodiment;

**[0043]** FIG. 6 is a flowchart of a method of editing parameters according to another exemplary embodiment;

**[0044]** FIG. 7 illustrates an example of a parameter editing screen;

**[0045]** FIG. 8 shows an example of a method of displaying a parameter editing history;

**[0046]** FIG. 9 is a flowchart of a method of cancelling editing of a parameter according to an exemplary embodiment;

**[0047]** FIG. 10 illustrates an example of a method of editing a parameter editing history;

**[0048]** FIG. 11 illustrates an example of a method of providing a notification in a parameter editing history;

**[0049]** FIG. 12 illustrates an example of displaying a conflict notification according to an exemplary embodiment; and

**[0050]** FIG. 13 illustrates an example of a method of applying a parameter change history for a current protocol to another protocol.

#### DETAILED DESCRIPTION

**[0051]** The attached drawings for illustrating exemplary embodiments of the present disclosure are referred to in order to gain a sufficient understanding of the present disclosure, the merits thereof, and the objectives accomplished by the implementation of the present disclosure. In this regard, the present exemplary embodiments may have different forms and should not be construed as being limited to the descriptions set forth herein. Rather, these exemplary embodiments are provided so that this disclosure will be